



RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

ROBERT A. LIEBERMAN
CLAUDIO O. EGALON

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 06/10/1999

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

09/730,158
10/717,080

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: LAWRENCE S. COHEN

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6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) & 3.41) \$.80

Authorized to be charged by credit card
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 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

L. S. Cohen
Signature

11/15/2005

Date

LAWRENCE S. COHEN
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

ASSIGNMENT

Assignors: Robert A. Lieberman and Claudio O. Egalon

Assignee: Intelligent Optical Systems, 2520 W. 237th St., Torrance, CA 90505-5217

Title of Invention: DISTRIBUTED OPTICAL FIBER SENSOR WITH CONTROLLED RESPONSE

Serial No:

Filed: Concurrently

Recitals:

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "invention") described in the United States patent application (the "application") having as a title the above name for the invention. The application has an attorney docket number and a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed contemporaneously with this Assignment.

ASSIGNMENT

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of assignor's right, title and interest in the invention, all improvements therein, and any patents, and any reissues and extensions thereof, which issue in any country upon patent applications which correspond with any of the following: the application, any divisional, continuation-in-part, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in part on any of the above-described applications.

Each Assignor further agrees that he and his heirs and legal representatives will, without charge to Assignee during the term of such Assignor's employment by Assignee,

and, thereafter for a per diem compensation as mutually agreed upon by Assignee and Assignor, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request subject to assignor's availability, including attending depositions and appearing as a witness, to obtain, or maintain or enforce patents for the invention and improvements therein in any and all countries, and to vest title thereto in Assignee.

IN WITNESS WHEREOF, Assignor hereby executes this instrument on the date set forth below.

Date: 6/10/99

Robert A. Lieberman
Robert A. Lieberman

Date: 06/10/99

Claudio O. Egalon
Claudio O. Egalon

Date: 6/10/99

State of Calif }
County of Los Angeles }

On this 10 day of June, 1999, before me, personally appeared ROBERT A. LIEBERMAN and Claudio O. Egalon known by me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities and that by their signatures on the instrument the persons or the entities upon behalf of which the persons acted executed the instrument.

Witness my hand and official seal

Signature Sharon A. Peet

